AUTHOR INDEX

Aida, K., *see* Tamaru, C.S. et al.
Al-Khars, A.M., *see* James, C.M. and Al-Khars, A.M.
Aldridge, F.J., Marston, R.Q. and Shireman, J.V. (Gainesville, FL, U.S.A.)
Induced triploids and tetraploids in bighead carp, *Hypophthalmichthys nobilis*, verified by multi-embryo cytofluorometric analysis 121
Ash, R., *see* McLean, E. and Ash, R.
Augustijn, H., *see* Boon, J.H. et al., pp. 111, 243
Bateson, R.I., *see* Davies, S.J. et al.
Benitez, L.V., *see* Borlongan, I.G. and Benitez, L.V.
Boon, J.H., Augustijn, H. (Wageningen, The Netherlands), Cannaerts, V.M.H. (Leuven, Belgium), Lokin, C.J.A., Machiels, M.A.M. (Wageningen, The Netherlands) and Ollevier, F. (Leuven, Belgium)
The suitability of experimental inoculations with infective larvae of *Anguillicola crassus* and their effects on the growth and mortality of the European eel (*Anguilla anguilla*) .. 111
Boon, J.H. (Wageningen, The Netherlands), Cannaerts, V.M.H. (Leuven, Belgium), Augustijn, H., Machiels, M.A.M. (Wageningen, The Netherlands), De Charleroy, D. and Ollevier, F. (Leuven, Belgium)
The effect of different infection levels with infective larvae of *Anguillicola crassus* on haematological parameters of European eel (*Anguilla anguilla*) 243
Borlongan, I.G. and Benitez, L.V. (Iloilo City, The Philippines)
Quantitative lysine requirement of milkfish (*Chanos chanos*) juveniles 341
Bovendeur, J., *see* Nijhof, M. and Bovendeur, J.
Brown, J.R., *see* Roland, W.G. and Brown, J.R.
Cannaerts, V.H.M., *see* Boon, J.H. et al., pp. 111, 243
Carmichael, G.J., *see* Tiersch, T.R. et al.
Chandler, R.W., *see* Tiersch, T.R. et al.
Conides, A., *see* Klaoudatos, S. et al.
D'Amelio, V., *see* Santulli, A. et al.
Davies, S.J., McConnell, S. and Bateson, R.I. (Plymouth, Great Britain)
Potential of rapeseed meal as an alternative protein source in complete diets for tilapia (*Oreochromis mossambicus* Peters) 145
Davis, K.B., *see* Tiersch, T.R. et al.
De Charleroy, D., *see* Boon, J.H. et al., p. 243
DiMichele, L., *see* Paynter, K.T. and DiMichele, L.
Dominy, W., *see* Lim, C. and Dominy, W.
Ellingson, L.J., *see* Watanabe, W.O. et al.
Ernst, D.H., *see* Watanabe, W.O. et al.
Fletcher, T.C., *see* Hardie, L.J. et al.
Fynn-Aikins, F.K., *see* Hung, S.S.O. et al.
Gall, G.A.E., *see* Zhang, H. et al.
Ginoza, J.M., *see* Tamaru, C.S. et al.
Gousset, B. (Montendre, France)
European eel (*Anguilla anguilla* L.) farming technologies in Europe and in Japan: application of a comparative analysis 209
Groff, J.M., *see* Hung, S.S.O. et al.
Ha, P.Y., *see* Tamaru, C.S. et al.

Haenen, O.L.M. (Lelystad, The Netherlands) and Van Banning, P. (IJmuiden, The Netherlands)
Detection of larvae of *Anguillicola crassus* (an eel swimbladder nematode) in freshwater fish species 103
Hanyu, I., *see* Tamaru, C.S. et al.
Hardie, L.J., Fletcher, T.C. and Secombes, C.J. (Aberdeen, Great Britain)
The effect of vitamin E on the immune response of the Atlantic salmon (*Salmo salar* L.)
Hardy, R.W., Torrissen, O.J. and Scott, T.M. (Seattle, WA, U.S.A.)
Absorption and distribution of ^{14}C-labeled canthaxanthin in rainbow trout (*Oncorhynchus mykiss*) 331
Harrell, R.M., *see* Reardon, I.S. and Harrell, R.M.
Howell, B.R. (Conwy, Great Britain)
Book review of *Aquaculture Engineering Technologies for the Future*, by M. Walker (Editor) 399
Hung, S.S.O., Groff, J.M., Lutes, P.B. and Fynn-Aikins, F.K. (Davis, CA, U.S.A.)
Hepatic and intestinal histology of juvenile white sturgeon fed different carbohydrates ... 349
Hung, S.S.O., *see also* Zhang, H. et al.
Ito, Y., *see* Yamada, S. et al.
James, C.M. and Al-Khars, A.M. (Salmiya, Kuwait)
An intensive continuous culture system using tubular photobioreactors for producing microalgae 381
Klaoudatos, S., Tsevis, N. and Conides, A. (Athens, Greece)
Energy sources during the early larval development of the European sea bass, *Dicentrarchus labrax* (L.) 361
Kohler, C.C., *see* Roem, A.J. et al.
Kowtal, G.V., *see* Reddy, P.V.G.K. et al.
LeBlanc, B.D. and Overstreet, R.M. (Ocean Springs, MS, U.S.A.)
Prevalence of *Baculovirus panaei* in experimentally infected white shrimp (*Penaeus vannamei*) relative to age 237
Lee, C.-S., *see* Tamaru, C.S. et al.
Legendre, M., *see* Ozouf-Costaz, C. et al.
Lim, C. and Dominy, W. (Honolulu, HI, U.S.A.)
Evaluation of soybean meal as a replacement for marine animal protein in diets for shrimp (*Penaeus vannamei*) 53
Lindbergh, J.M., *see* Sawyer, E.S. et al.
Lokin, C.J.A., *see* Boon, J.H. et al., p. 111
Lutes, P.B., *see* Hung, S.S.O. et al.
Machiels, M.A.M., *see* Boon, J.H. et al., pp. 111, 243
Mann, R. (Gloucester Point, VA, U.S.A.)
Book review of *Bivalve Mollusc Culture Research in Thailand*, by E.W. McCoy and T. Chongpeepien (Editors) 395
Marston, R.Q., *see* Aldridge, F.J. et al.
McConnell, S., *see* Davies, S.J. et al.
McLean, E. and Ash, R. (Bradford, Great Britain)
Modified uptake of the protein antigen horseradish peroxidase (HRP), following oral delivery to rainbow trout, *Oncorhynchus mykiss* 373
Nijhof, M. (IJmuiden, The Netherlands) and Bovendeur, J. (Wageningen, The Netherlands)
Fixed film nitrification characteristics in sea-water recirculation fish culture systems 133
Olla, B.L., *see* Watanabe, W.O. et al.
Ollevier, F., *see* Boon, J.H. et al., pp. 111, 243

Overstreet, R.M., *see* LeBlanc, B.D. and Overstreet, R.M.
Ozouf-Costaz, C. (Paris, France), Teugels, G.G. (Tervuren, Belgium) and Legendre, M. (Abidjan, Ivory Coast)
Karyological analysis of three strains of the African catfish, *Clarias gariepinus* (Clariidae), used in aquaculture 271
Paynter, K.T. (Shady Side, MD, U.S.A.) and DiMichele, L. (College Station, TX, U.S.A.)
Growth of tray-cultured oysters (*Crassostrea virginica* Gmelin) in Chesapeake Bay 289
Puccia, E., *see* Santulli, A. et al.
Rana, K.J. (Stirling, Great Britain)
Influence of incubation temperature on *Oreochromis niloticus* (L.) eggs and fry
I. Gross embryology, temperature tolerance and rates of embryonic development 165
II. Survival, growth and feeding of fry developing solely on their york reserves 183
Rao, T.R. (Delhi, India)
Book review of *Research and Education for the Development of Integrated Crop-Livestock-Fish Farming Systems in the Tropics*, by P. Edwards, R.S.V. Pullin and T.A. Gartner 398
Reardon, I.S. and Harrell, R.M. (Cambridge, MD, U.S.A.)
Acute toxicity of formalin and copper sulfate to striped bass fingerlings held in varying salinities 255
Reddy, P.V.G.K., Kowtal, G.V. and Tantia, M.S. (Bhubaneswar, India)
Preliminary observations on induced polyploidy in Indian major carps, *Labeo rohita* (Ham.) and *Catla catla* (Ham.) 279
Roem, A.J., Kohler, C.C. (Carbondale, IL, U.S.A.) and Stickney, R.R. (Seattle, WA, U.S.A.)
Vitamin E requirements of the blue tilapia, *Oreochromis aureus* (Steindachner), in relation to dietary lipid level 155
Roland, W.G. (Victoria, B.C., Canada) and Brown, J.R. (Burnaby, B.C., Canada)
Production model for suspended culture of the Pacific oyster, *Crassostrea gigas* 35
Sameshima, M., *see* Yamada, S. et al.
Santulli, A. (Trapani, Italy), Puccia, E. and D'Amelio, V. (Palermo, Italy)
Preliminary study on the effect of short-term carnitine treatment on nucleic acids and protein metabolism in sea bass (*Dicentrarchus labrax* L.) fry 85
Sawyer, E.S., Sawyer, P.J. and Lindbergh, J.M. (Kennebunkport, ME, U.S.A.)
Sea ranching of pink (*Oncorhynchus gorbuscha*) and chum (*O. keta*) salmon in the western Atlantic 299
Sawyer, P.J., *see* Sawyer, E.S. et al.
Scott, T.M., *see* Hardy, R.W. et al.
Secombes, C.J., *see* Hardie, L.J. et al.
Seib, P.A., *see* Wang, X.Y. and Seib, P.A.
Shireman, J.V., *see* Aldridge, F.J. et al.
Simco, B.A., *see* Tiersch, T.R. et al.
Stickney, R.R., *see* Roem, A.J. et al.
Tamaru, C.S., Lee, C.-S., Ha, P.Y., Ginoza, J.M. (Honolulu, HI, U.S.A.), Aida, K. and Hanyu, I. (Tokyo, Japan)
Release rates of steroids from silastic tube implants in vitro and in vivo with juvenile milkfish, *Chanos chanos* 91
Tanaka, Y., *see* Yamada, S. et al.
Tantia, M.S., *see* Reddy, P.V.G.K. et al.
Teugels, G.G., *see* Ozouf-Costaz, C. et al.
Thorpe, J. (Pitlochry, Great Britain)
Book review of *Salmon Production, Management, and Allocation: Biological, Economic and Policy Issues*, by W.J. McNeil (Editor) 396

Tiersch, T.R., Simco, B.A., Davis, K.B., Chandler, R.W., Wachtel, S.S. (Memphis, TN, U.S.A.) and Carmichael, G.J. (Stoneville, MS, U.S.A.)
Stability of genome size among stocks of the channel catfish 15
Torrissen, O.J., *see* Hardy, R.W. et al.
Tsevis, N., *see* Klaoudatos, S. et al.
Van Banning, P., *see* Haenen, O.L.M. and Van Banning, P.
Wachtel, S.S., *see* Tiersch, T.R. et al.
Wang, X.Y. and Seib, P.A. (Manhattan, KS, U.S.A.)
Liquid chromatographic determination of a combined form of L-ascorbic acid (L-ascorbate 2-sulfate) in fish tissue by release of L-ascorbic acid 65
Watanabe, W.O. (Sopchoppy, FL, U.S.A.), Ellingson, L.J. (Riviera Beach, FL, U.S.A. and Exuma Cays, Bahamas), Olla, B.L. (Newport, OR, U.S.A.), Ernst, D.H. (Sopchoppy, FL, U.S.A.) and Wicklund, R.I. (Riviera Beach, FL, U.S.A. and Exuma Cays, Bahamas)
Salinity tolerance and seawater survival vary ontogenetically in Florida red tilapia 311
Wicklund, R.I., *see* Watanabe, W.O. et al.
Woo, N.Y.S. (Shatin, N.T., Hong Kong)
Metabolic and osmoregulatory changes during temperature acclimation in the red sea bream, *Chrysophrys major:* implications for its culture in the subtropics 197
Yamada, S., Tanaka, Y., Sameshima, M. (Kagoshima, Japan) and Ito, Y. (Tokyo, Japan)
Pigmentation of prawn (*Penaeus japonicus*) with carotenoids. I. Effect of dietary astaxanthin, β-carotene and canthaxanthin on pigmentation 323
Zhang, H., Gall, G.A.E. and Hung, S.S.O. (Davis, CA, U.S.A.)
Effect of sire, diet and week of spawning on volume of eggs retained by artificially spawned rainbow trout 23